

POWERFLEX PLUS YMvK mb ss XVB-F2

The universal cable for power transmission with improved fire proof properties.

DESIGN

Conductor

Electrolytic copper, class 2 (flexible), based on IEC 60228

Insulation

XLPE

The standard identification is the following:

- 1 x Natural
- 2 x Black + Blue
- 3 + 1 Black + brown + blue + blue
- 4 Black + brown + blue + green/yellow
- 5 Black + brown + blue + green/yellow

Outer sheath

Flexible PVC outer sheath, grey colour.

APPLICATIONS

The Powerflex Plus cable for power distribution is suitable for all types of industrial low voltage connections, in urban grids, building installations, etc. This cable is fire retardant and is recommended for use in public places, hazardous industries... Its flexibility makes installation substantially easier, and as a result making it highly suitable for difficult layouts. It can also be used in buried installations or in tubes or outdoors without requiring additional protection. The Powerflex Plus cable withstands damp conditions and even total submersion in water.



CHARACTERISTICS

Flexible conductor class 2 (flexible)	Minimum bending radius 5 x cable diameter	Impact resistance AG2 medium impact
Minimum service temperature: -40 °C (Fixed and protected installation)	Meter by meter marking	Outdoor installation: permanent
Maximum service temperature 90°C	Flame non-propagation	Water resistance AD7 immersion
Maximum short-circuit temperature: 250°C (max. 5 s)	Fire non-propagation	Chemical & Oil resistance: good

INSTALLATION CONDITIONS

Industrial use	Damp environment
Open air	
Buried	
In conduit	